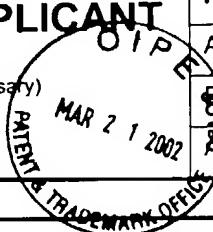


Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets if necessary)

Page 1 of 6



Application Number	10/004,706
Filing Date	December 4, 2001
First Named Inventor	Bellmann, Erika
Art Unit	-
Examiner Name	-
Attorney Case Number	56949US002

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
MBC	A1	4,252,671	02/24/81	Smith	
MBC	A2	4,387,156	07/07/83	Crawford et al.	
MBC	A3	4,426,437	01/17/84	Fisch et al.	
MBC	A4	4,599,298	07/08/86	Fisch	
MBC	A5	4,623,896	11/18/86	Hausslein	
MBC	A6	4,657,840	04/14/87	Fisch	
MBC	A7	5,089,372	02/18/92	Kirihata et al.	
MBC	A8	5,156,938	10/20/92	Foley et al.	
MBC	A9	5,166,024	11/24/92	Bugner et al.	
MBC	A10	5,171,650	12/15/92	Ellis et al.	
MBC	A11	5,232,814	08/03/93	Graves et al.	
MBC	A12	5,244,770	09/14/93	DeBoer et al.	
MBC	A13	5,256,506	10/26/93	Ellis et al.	
MBC	A14	5,308,737	05/03/94	Bills et al.	
MBC	A15	5,326,619	07/05/94	Dower et al.	
MBC	A16	5,351,617	10/04/94	Williams et al.	
MBC	A17	5,387,496	02/07/95	DeBoer	
MBC	A18	5,459,016	10/17/95	Debe et al.	
MBC	A19	5,501,938	03/26/96	Ellis et al.	
MBC	A20	5,521,035	05/28/96	Wolk et al.	
MBC	A21	5,593,808	01/14/97	Ellis	
MBC	A22	5,605,780	02/25/97	Burberry et al.	
MBC	A23	5,612,165	03/18/97	Ellis	
MBC	A24	5,621,131	04/15/97	Kreuder et al.	

*Examiner: *Richie Chaudhury*

Date Considered: 2/3/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets if necessary)

MAR 21 2002

Page 2 of 6



Application Number	10/004,706
Filing Date	December 4, 2001
First Named Inventor	Bellmann, Erika
Art Unit	-
Examiner Name	-
Attorney Case Number	56949US002

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
MBP	A25	5,622,795	04/22/97	Ellis	
MBP	A26	5,645,963	07/08/97	Chang	
MBP	A27	5,685,939	11/11/97	Wolk et al.	
MBP	A28	5,688,551	11/18/97	Littman et al.	
MBP	A29	5,691,098	11/25/97	Busman et al.	
MBP	A30	5,691,114	11/25/97	Burberry et al.	
MBP	A31	5,693,446	12/02/97	Staral et al.	
MBP	A32	5,695,907	12/09/97	Chang	
MBP	A33	5,708,130	01/13/98	Woo et al.	
MBP	A34	5,710,097	01/20/98	Staral et al.	
MBP	A35	5,725,989	03/10/98	Chang et al.	
MBP	A36	5,728,801	03/17/98	Wu et al.	
MBP	A37	5,747,217	05/05/98	Zaklika et al.	
MBP	A38	5,766,827	06/16/98	Bills et al.	
MBP	A39	5,828,488	10/27/98	Onderkirk et al.	
MBP	A40	5,840,217	11/24/98	Lupo et al.	
MBP	A41	5,856,064	01/05/99	Chou	
MBP	A42	5,863,860	01/26/99	Patel et al.	
MBP	A43	5,869,350	02/09/99	Heeger et al.	
MBP	A44	5,882,774	03/16/99	Jonza et al.	
MBP	A45	5,897,727	04/27/99	Staral et al.	
MBP	A46	5,900,327	05/04/99	Pei et al.	
MBP	A47	5,929,194	07/27/99	Woo et al.	

*Examiner: RKD/ChenDate Considered: 2/3/04

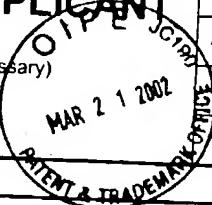
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets if necessary)

Page 3 of 6



Application Number	10/004,706
Filing Date	December 4, 2001
First Named Inventor	Bellmann, Erika
Art Unit	-
Examiner Name	-
Attorney Case Number	56949US002

U.S. Patent Documents

Exam. Init.	Cite No.	Document Number Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MBC	A48	5,976,698	11/02/99	Staral et al.	
MBC	A49	5,981,136	11/09/99	Chang et al.	
MBC	A50	5,994,028	11/30/99	Lee	
MBC	A51	5,998,085	12/07/99	Isberg et al.	
MBC	A52	6,030,715	02/29/00	Thompson et al.	
MBC	A53	6,057,067	05/02/00	Isberg et al.	
MBC	A54	6,099,994	08/08/00	Chang et al.	
MBC	A55	6,114,088	09/05/00	Wolk et al.	
MBC	A56	6,132,641	10/17/00	Rietz et al.	
MBC	A57	6,140,009	10/31/00	Wolk et al.	
MBC	A58	6,150,043	11/21/00	Thompson et al.	
MBC	A59	6,169,163	01/02/01	Woo et al.	
MBC	A60	6,190,826	02/20/01	Chang et al.	
MBC	A61	6,194,119	02/27/01	Wolk et al.	
MBC	A62	6,214,520	04/10/01	Wolk et al.	
MBC	A63	6,221,543	04/24/01	Guehler et al.	
MBC	A64	6,221,553	04/24/01	Wolk et al.	
MBC	A65	6,228,543	05/08/01	Mizuno et al.	
MBC	A66	6,228,555	05/08/01	Hoffend, Jr. et al.	
MBC	A67	6,242,115	06/05/01	Thomson et al.	
MBC	A68	6,242,152	06/05/01	Staral et al.	
MBC	A69	6,270,934	08/07/01	Chang et al.	

*Examiner: *WDC*Date Considered: *2/13/04*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets if necessary)

Page 4 of 6



Application Number	10/004,706
Filing Date	December 4, 2001
First Named Inventor	Bellmann, Erika
Art Unit	-
Examiner Name	-
Attorney Case Number	56949US002

U.S. Patent Documents

Exam. Init.	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
MBC	A70	6,270,944	08/07/01	Wolk et al.	
MBC	A71	6,284,425	09/04/01	Staral et al.	

Foreign Patent Documents

Exam. Init.	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
MBC	B1		WO 93/25392	12/23/93	PCT		
MBC	B2		WO 95/17303	06/29/95	PCT		
MBC	B3		WO 97/15173	04/24/97	PCT		
MBC	B4		WO 98/03346	01/29/98	PCT		
MBC	B5		WO 98/55561	12/10/98	PCT		
MBC	B6		WO 99/13692	03/18/99	PCT		
MBC	B7		WO 99/40655	08/12/99	PCT		
MBC	B8		WO 99/46961	09/16/99	PCT		Yes
MBC	B9		WO 00/18851	04/06/00	PCT		
MBC	B10		WO 00/69649	11/23/00	PCT		
MBC	B11		WO 00/70655	11/23/00	PCT		
MBC	B12		WO 01/39986	06/07/01	PCT		
MBC	B13		0 368 552 A2	5/16/90	EPO		
MBC	B14		0 530 018 B1	4/22/98	EPO		

*Examiner: *R.D. Clement*Date Considered: *2/3/04*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 5 of 6

MAR 21 2002
PATENT & TRADEMARK OFFICE

Application Number	10/004,706
Filing Date	December 4, 2001
First Named Inventor	Bellmann, Erika
Art Unit	-
Examiner Name	-
Attorney Case Number	56949US002

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
MBC	C1	Atreya, et al., "Effect of plasma treatment on the electrical and electroluminescent properties of poly(p-phenylene vinylene) light emitting diodes", <u>Polymer Degradation and Stability</u> , 63 (1999) pp. 53-59
MBC	C2	Atreya, et al., "Stability studies of poly(2-methoxy-5-(2'-ethyl hexyloxy)-p-(phenylene vinylene) [MEH-PPV]", <u>Polymer Degradation and Stability</u> , 65 (1999) pp. 287-296
MBC	C3	Chen, et al., "Recent Developments in Molecular Organic Electroluminescent Materials", <u>Macromol. Symp.</u> , 125, 1 (1997) pp. 1-48
MBC	C4	Fujikawa, et al., "Energy Structures of Triphenylamine Oligomers", <u>Synthetic Metals</u> , 91, (1997) pp. 161-162
MBC	C5	Grazulevicius, et al., "Charge-Transporting Polymers and Molecular Glasses", <u>Handbook of Advanced Electronic and Photonic Materials and Devices</u> , H.S. Nalwa (ed.), 10, (2001) pp. 233-274
MBC	C6	Job et al., "Corona discharge: A doping method for polyaniline" <u>Applied Physics Letters</u> , Vol. 72 No. 25 (June 1998) pp. 3279-3882
MBC	C7	Job et al., "Doping of polyaniline by corona discharge" <u>Journal of Applied Physics</u> , Vol. 87 No. 8 (April 2000) pp. 3878-3882
MBC	C8	Kang et al., "Surface Modifications of Polyaniline Films by Graft Copolymerization", <u>Macromolecules</u> , (1992), 25 pp. 1959-1965
MBC	C9	Kang et al., "Surface Modification and Functionalization of Polyaniline and Poly(3-Alkylthiophene) Films by Graft Copolymerization", <u>Synthetic Metals</u> , 55-57 (1993) pp. 1232-1237
MBC	C10	Kang, et al., "Plasma treatment of polyaniline films: Effect on the intrinsic oxidation states", <u>J. Mater. Res.</u> , Vol. 11 No. 6, (Jun 1996) pp. 1570-1573
MBC	C11	Kang et al., "Surface modified and functionalized polyaniline and polypyrrole films", <u>Synthetic Metals</u> , 84 (1997) pp. 59-60
MBC	C12	Kang et al., "Surface Modification and Functionalization of Electroactive Polymer Films", <u>Polymers for Advanced Technologies</u> , 10 (1999) pp. 421-428

*Examiner: Erika BellmannDate Considered: 2/3/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets if necessary)

Page 6 of 6



Application Number	10/004,706
Filing Date	December 4, 2001
First Named Inventor	Bellmann, Erika
Art Unit	-
Examiner Name	-
Attorney Case Number	56949US002

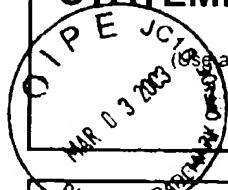
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
PBC	C13	Kraft, et al., "Electroluminescent Conjugated Polymers-Seeing Polymers in a New Light", <u>Angew. Chem. Int. Ed.</u> , 37, (1998) pp. 402-428
PBC	C14	Laurent, et al., "Comparison between Photo- and Electro-Induced Luminescence Spectra of Polyethylene" <u>IEEE 1995 Annual Report, Conference on Electrical Insulation and Dielectric Phenomena</u> (October 22-25, 1995) pp. 93-96
PBC	C15	Loh, et al., "XPS Characterization of Surface Functionalized Electroactive Polymers" <u>Surface and Interface Analysis</u> , Vol. 24 (1996) pp. 597-604
PBC	C16	Mori, et al., "High-field phenomena in poly-p-xylene thin films: effects of plasma treatment", <u>J. Phys. D: Appl. Phys.</u> , 22 (1989) pp. 1518-1522
PBC	C17	Nakazawa, et al., "Photo-Induced Memory Effect in Polyaniline/Polyvinylcarbazole Organic System", <u>Japanese Journal of Applied Physics</u> , Vol. 28, No. (Aug. 1989) pp. 1396-1401
PBC	C18	Xie et al., "Surface-graft polymerization of doped polyaniline-with hydrophilic monomers", <u>European Polymer Journal</u> , 36 (2000) pp. 509-517

*Examiner: Michele ClarkDate Considered: 2/3/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT



(Use as many sheets as necessary)

Page 1 of 1

Application Number	10/004708
Filing Date	December 4, 2001
First Named Inventor	Bellmann, Erika
Art Unit	2812
Examiner Name	
Attorney Case Number	56949US02702003

RECEIVED
MAR 03 2003
GROUP 1700

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages; Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US-			
	A2	US-			
	A3	US-			
	A4	US-			MAR 10 2003
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
MAR	B1	WO	00/01536	1-13-00			
MAR	B2	WO	00/41892	7-20-00			
MAR	B3	EP	0588716 A2	3-23-94			
MAR	B4	EP	0895870 A1	2-10-99			
MAR	B5	EP	0851714 A2	7-1-98			
MAR	B6	JP	2001200216	7-24-01			Abstract
	B7						

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	
	C2	
	C3	

*Examiner: *Erika Clark*

Date Considered: 2/3/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.